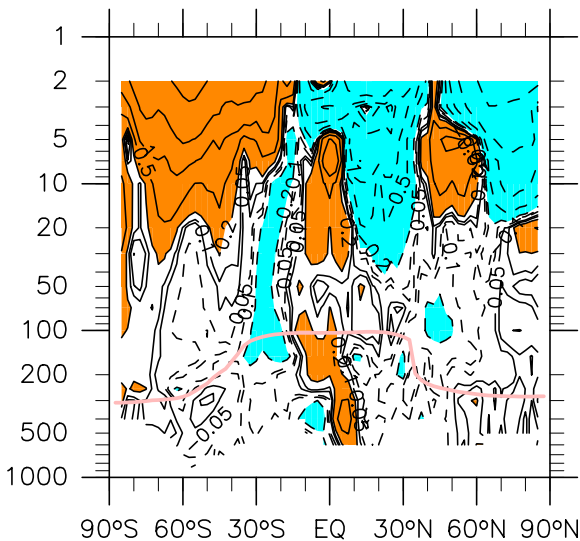


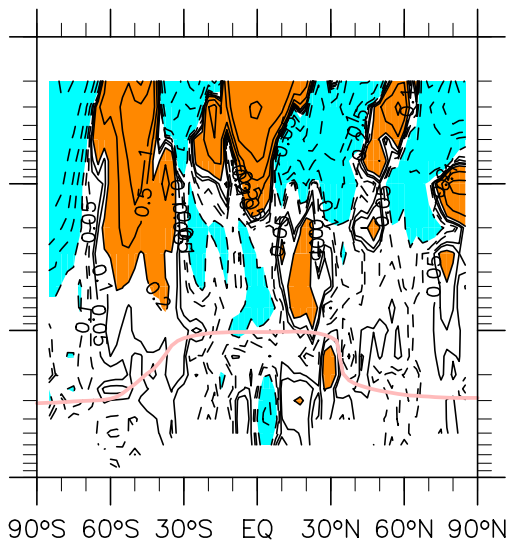
$$-\omega^* \frac{\partial \theta}{\partial p}$$

DJF (D80-F10)

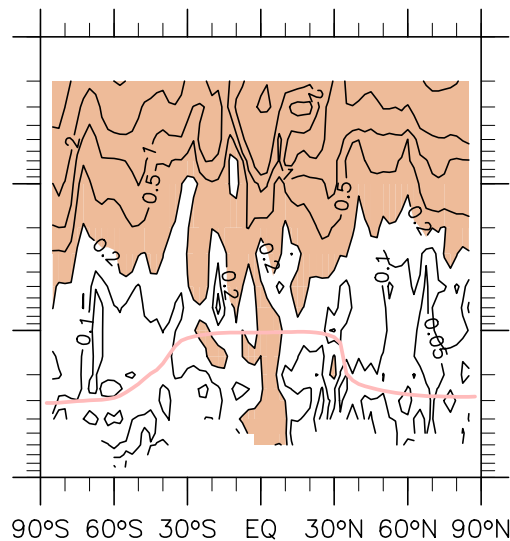
(a) MERRA-2 - REM



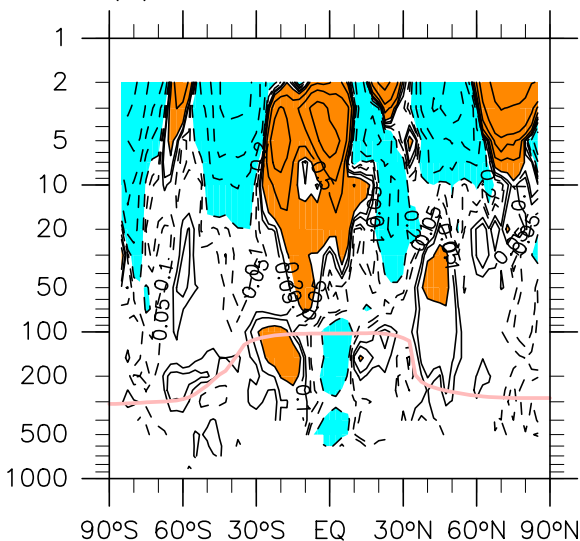
(b) JRA-55 - REM



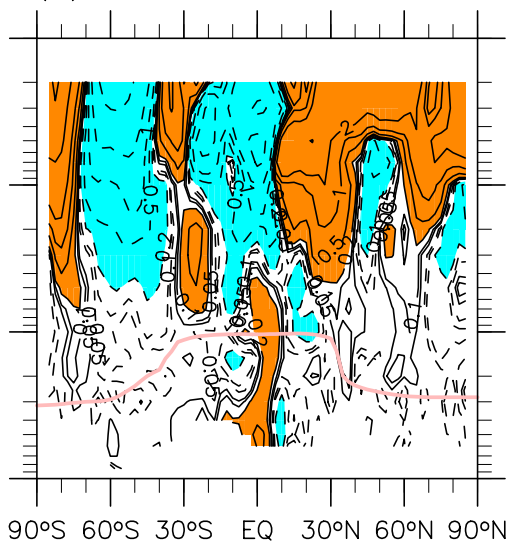
(e) SD



(c) ERA-Int - REM



(d) CFSR - REM



(f) (SD / | REM |) x 100%

